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MYERS MACHINE TOOL CO.



COLUMBIA, PENNSYLVANIA, U. S. A.

MACHINE TOOLS
SUITABLE FOR AUTOMOBILE REPAIR SHOPS
AND GARAGES



MYERS MACHINE TOOL COMPANY
COLUMBIA, PENNSYLVANIA.

1916

MYERS MACHINE TOOL COMPANY

MAIN OFFICE and FACTORIES

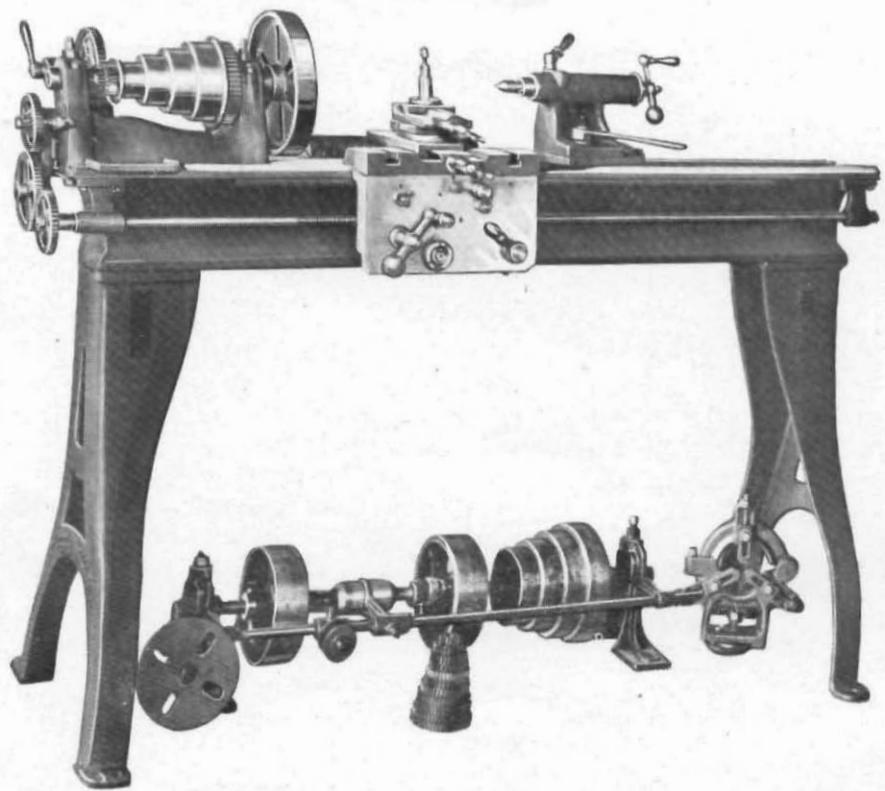
COLUMBIA, Lancaster County, PENNSYLVANIA,

U. S. A.

Vol. 107, No. 1, Appraisal Co.

WE MAKE a specialty of mechanical equipment for light machine work. We also are in a position to make duplicate parts of machines of any kinds, Motor Cycle Pistons, Valve Seats, Studs, Piston Rings, etc. Our machine work is guaranteed as to its reliability and trueness, and is under the personal supervision of men whose experience in this line covers many years.

Look carefully through this catalogue, we believe it will be of interest to you. The Myers Machine Tool Co. will appreciate any inquiries addressed to them, and will give your correspondence prompt and efficient attention.



11 Inch Engine Lathe

Myers 11-Inch Engine Lathe

HEAD—The head is massive, insuring great rigidity, and is provided with four step cone designed to give ample belt contact. Bronze bearings of liberal proportions. Gears enclosed in guards.

SPINDLE—The spindle is made of Open Hearth High Carbon Steel, bored from the solid, accurately ground.

TAIL STOCK—Tail stock is extra heavy in design, with extra long bearing for tail stock spindle. It is so shaped that compound rest and feed can be set to 90 degree angle. Tail stock can be set over for taper work.

Each lathe is furnished with large and small face plates, steady rest, follow rest, tool post, centers, double-friction countershaft, necessary change gears, wrenches, chuck plate, etc.

DIMENSIONS.

Swings over ways.....	11 $\frac{1}{4}$ "	Taper in spindle and tail stock.....	No. 3 Morse
Swings over carriage.....	6 "	Ratio of back gearing.....	7 to 1
Length of bed.....	5 $\frac{1}{4}$ ft.	Cone diameters.....	2 $\frac{3}{4}$ " to 5 $\frac{3}{4}$ "
Distance between centers.....	36"	Lead screw.....	$\frac{3}{4}$ " dia. 8 threads per in.
Front bearing.....	3" x 1 $\frac{1}{2}$ "	Cuts threads 2 to 48 per inch including 11 $\frac{1}{2}$ " pipe thread.	
Rear Bearing.....	2 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ "	Speed of countershaft.....	200 R. P. M.
Hole through spindle.....	$\frac{13}{16}$ "	Net weight, complete.....	650 lbs.
Diameter of tail stock spindle.....	1 $\frac{7}{8}$ "	Weight, packed for shipment.....	750 lbs.
Diameter of spindle nose.....	1 $\frac{1}{2}$ "		

LIST PRICE \$120.00



Myers Hack Saw No. 2

McClintic St.
Eng. Co.

Myers Improved Geared Hack Saw Machine

Particular attention is asked to the main slide bearing carrying the saw frame. This design is made to withstand long usage and still retain perfect alignment, and is constructed in such a way that any wear from time to time may be taken up all around by simply tightening a few cap screws.

The pins which hold and guide the saw blade are made from square steel in such a way as to make it impossible for the blade to be put in on a tilt, but insures its absolute trueness at all times.

The saw is driven by CUT GEARS, three to one ratio. The automatic stop device is positive, simple and effective.

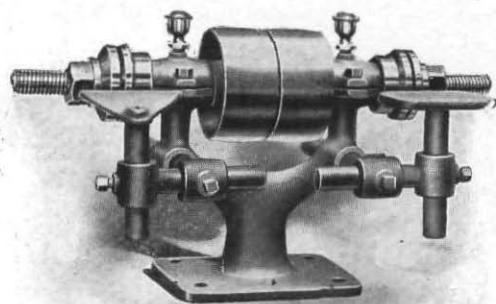
The vise swivels 45 degrees and the portion of the machine frame on which the vise rests is planed parallel with the saw frame. The vise itself is accurately planed and fitted.

An adjustable stop is provided to allow the saw blade to cut entirely through or only partially through the work as the operator may desire.

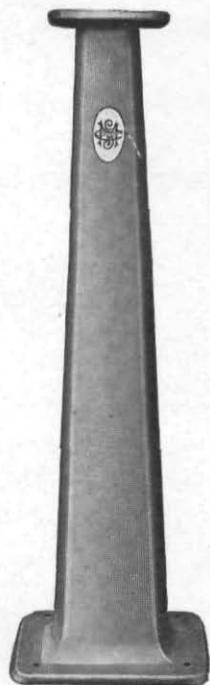
SPECIFICATIONS.

Extreme length of Machine	35 in.	Net Weight	200 lbs.
Length of Blade	10 in. or 12 in.	Weight crated for shipment	225 lbs.
Stroke	6 in.	Vise opens 6 in., Jaws are $5\frac{1}{4}$ in. and $2\frac{3}{4}$ in. deep.	
Pulleys	9 in. x $1\frac{3}{4}$ in.	Vise screw is square thread, 8 threads per inch, $\frac{3}{8}$ in diameter.	
Strokes per minute	60		

LIST PRICE \$25.00



Eclipse Emery Grinder No. 6



Column for Eclipse Emery Grinder

Emery Grinder No. 6

This grinder equipped with tight and loose pulleys, carries two 10 in. wheels, 1½ in. face, $\frac{3}{4}$ in. bore. Has steel spindle 16 in. long. Bearings are 2½ in. long, adjustable, babbitted and provided with brass oil cups. Has double rests adjustable to any angle. Pulleys are 3½ in. diameter, 1¾ in. face; Distance between wheels 9½ in. from base to center of spindle 6½ in.; weight 25 pounds.

LIST PRICE \$10.00

Column

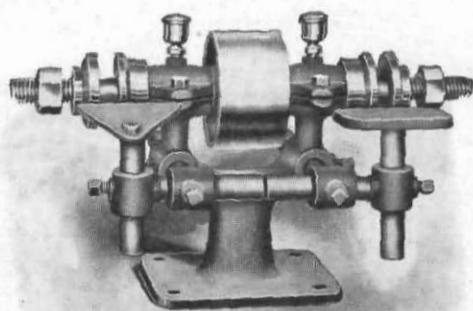
For Eclipse Emery Grinder

A heavy, square, hollow Column insuring absolute stability when the Grinder is run at very high speed with heavy wheels.

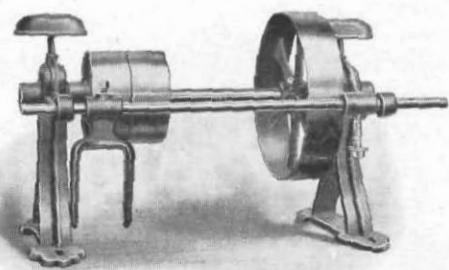
Weight, 50 lbs.

Height, 33½"

LIST PRICE \$6.00



Eclipse Emery Grinder No. 5



Countershaft for Eclipse Emery Grinder

Emery Grinder No. 5

Carries two 10 in. wheels, 1½ in. face, $\frac{3}{8}$ in. bore. Has steel spindle 14½ in. long, adjustable, babbitted and provided with brass oil cups. Has double rests adjustable to any angle. Pulley is 3½ in. diameter, 2½ in. face. Distance between wheels 9½ in.; from base to center of spindle, 6½ in.; weight 21 pounds.

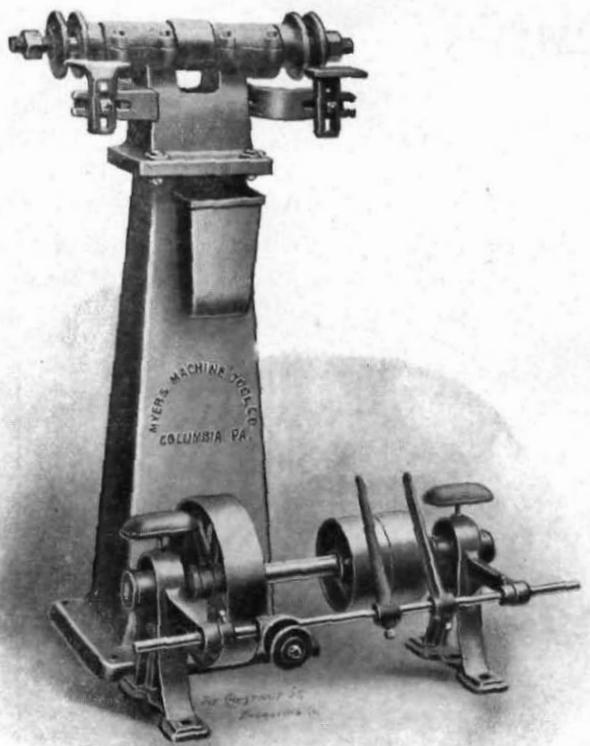
LIST PRICE \$8.00

Countershaft

For No. 5-Eclipse Emery Grinder

This Countershaft is built especially for No. 5 Eclipse Grinder, but is equally well adapted for any other light machine. Main pulley, 9½ in., 2 in. face. Tight and loose pulleys, 5 in. diameter, 2 in. face. Hangers, 8 in. drop. Everything turned true and ready for use.

LIST PRICE \$8.00



Myers Emery Grinder No. 2

Myers Emery Grinder No. 2

The oiling system of this grinder is one of the best. The oil receptacle is cored out of the body of the head below the spindle, from which the oil is carried by rings over the bearings. This keeps the bearings continually oiled and after being filled, the machine will run for months without further attention. All surplus oil is again carried back into the reservoir through channels machined in the bearing for this purpose. And as the oil is put in below the line of the spindle, the dust, dirt and emery cannot possibly find its way to the bearings.

The boxes are made male and female so as to make it a rigid bearing. This feature is one of the best that can be made.

The column for this machine is heavy, making a rigid grinding stand.

The bearings of both grinder and countershaft are babbitted with special babbitt.

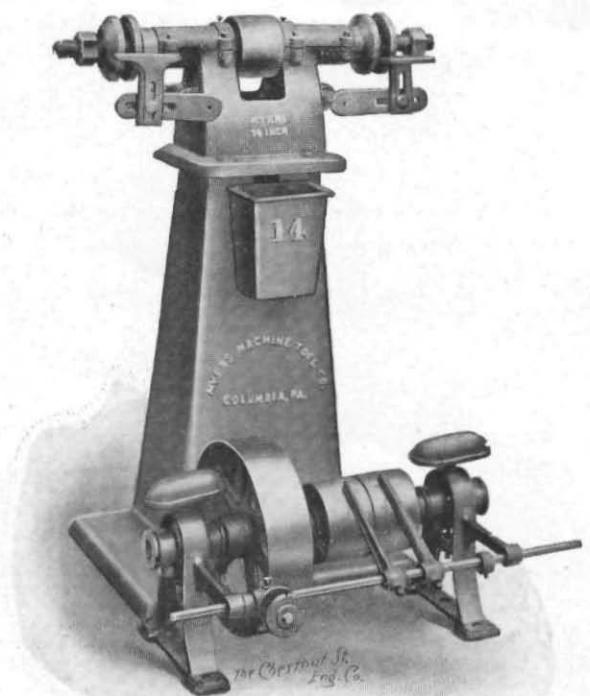
Specifications of Grinder

Carries two wheels	12 in. diameter, 2 in. face
Floor space occupied	22 in. x 12 in.
Distance between wheels	15 in.
Height to center of spindle	36 $\frac{1}{2}$ in.
Length of bearings	4 $\frac{1}{2}$ in.
Diameter of spindle through bearing	1 $\frac{1}{8}$ in.
Diameter of spindle between flanges	1 in.
Size of pulley	3 $\frac{1}{4}$ in. x 2 $\frac{3}{8}$ in.

Specifications of Countershaft

Driving pulley	9 $\frac{1}{2}$ in. x 2 $\frac{1}{2}$ in.
Tight and loose pulleys	5 $\frac{1}{4}$ in. x 2 $\frac{1}{2}$ in.
Diameter of shaft	1 in.
Length of shaft	24 in.
Length of bearings	4 $\frac{1}{2}$ in.
Drop of hangers	7 in.
Net weight of machine	155 lbs. Crated for shipment, 170 lbs.
Net weight of countershaft	50 lbs. Crated for shipment, 65 lbs.

LIST PRICE \$30.00



Myers Emery Grinder No. 1

Myers Emery Grinder No. 1

The oiling system of this Grinder is one of the best. The oil receptacle is cored out of the body of the head below the spindle, from which the oil is carried by rings over the bearings. This keeps the bearings constantly oiled, and after being filled, the machine will run for months without further attention. All surplus oil is again carried back into the reservoir through channels machined in the bearings for this purpose. The oil is put in below the line of the spindle, which prevents the dust, dirt and emery from finding its way to the bearings.

End thrust take-up device on spindle which recompenses for any wear from time to time. Spindle made of 40 point carbon steel.

The column is very heavy, making machine suitable for hard use.

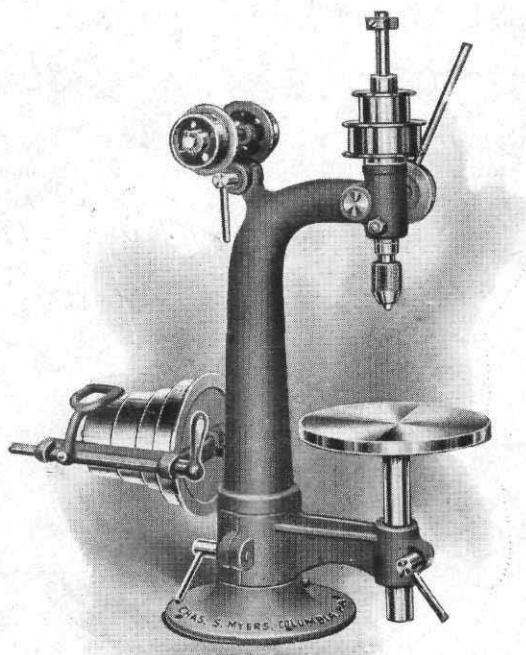
Specifications of Grinder

Carries two wheels.....	14 dia., 3" face
Floor space occupied.....	30" x 18"
Distance between wheels.....	19"
Height to center of spindle.....	37"
Length of bearings.....	5 $\frac{3}{4}$ "
Diameter of spindle through bearings.....	1 $\frac{5}{16}$ "
Diameter of spindle between flanges.....	1 $\frac{1}{4}$ "
Size of pulley.....	4 $\frac{1}{2}$ " x 3 $\frac{1}{4}$ "

Specifications of Countershaft

Driving pulley.....	12" x 3 $\frac{1}{4}$ "
Tight and loose pulleys.....	5" x 3 $\frac{1}{4}$ "
Diameter of shaft.....	1 $\frac{1}{8}$ "
Length of bearings.....	4 $\frac{1}{2}$ "
Drop of hangers.....	7 $\frac{1}{2}$ "
Net weight of Head and Column.....	240 lbs
Crated for shipment.....	260 lbs
Net weight of Countershaft.....	64 lbs
Crated for shipment.....	76 lbs

LIST PRICE \$37.50



Myers 10-Inch Sensitive Drill Press

10-Inch Sensitive Drill Press

No. 1

This Drill Press is very substantial, strong and well made. No effort has been spared to make this the best small Drill Press that can be made at an attractive price.

Special Features

Double Flange, Top Cone.

Table Swings 180 Degrees Horizontally.

Ball Bearing Thrust.

Screw adjustment to Stop.

Steel Rack and Pinion.

Attached Countershift.

Taper to fit $\frac{5}{8}$ " Almond Chuck or fitted with $\frac{3}{4}$ " Greenfield Chuck.

Specifications

Greatest distance from spindle to table, $8\frac{1}{2}$ "

Vertical movement of spindle, $2\frac{1}{2}$ "

Vertical movement of table, $7"$

Diameter of table, $8"$

Distance from center of spindle to frame, $5\frac{1}{4}$ "

Drilling capacity, to $\frac{3}{8}$ "

Size of tight and loose pulleys, $4\frac{1}{2}" \times 1\frac{1}{2}"$

Speed of driving pulley, 550 revolutions.

Extreme height, $27\frac{1}{2}"$

Weight of No. 1 Drill Press, 60 pounds.

Weight of No. 1 Drill Press, crated, 75 pounds.

LIST PRICE \$20.00

Myers Arbor Press

No. 7

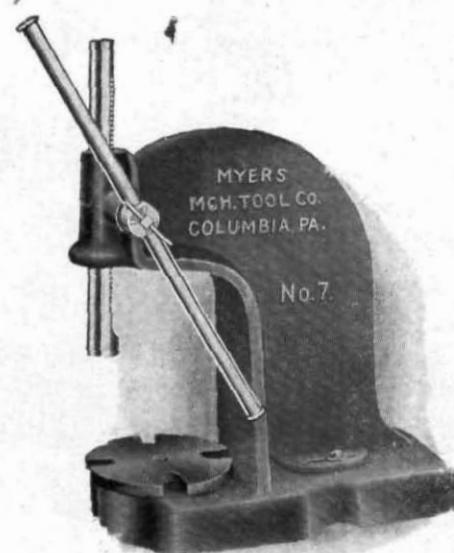
The Myers Arbor Press is the most satisfactory device ever placed on the market for driving mandrels in or out of the most complicated work. They save time and their use is a sure preventative against injury to the finished work or the arbors.

This No. 7 Press will put a mandrel into place in the center of a 14" circle. The ram is made from 40 point carbon steel. The pinion is also made from 40 point carbon steel. The pressure lever has forged heads.

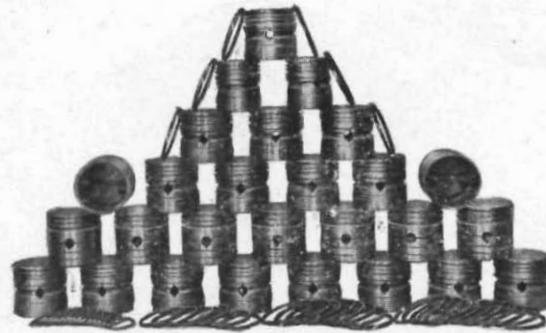
Specifications

Greatest distance from plate to bottom of ram	12"
Diameter of plate	8"
Height over all	22"
Leverage	45 to 1
Weight	140lb.
Will take work	14" diameter
Bottom planed to fit any ordinary Lathe.	

LIST PRICE \$17.50



Myers Arbor Press



Myers Pistons and Rings

Myers Pistons and Rings
For Gas and Gasoline Engines

We are equipped to produce Pistons and Rings for Gas and Gasoline Engines, Motor Cycles, etc., upon short notice.

Submit samples and we will quote prices that will be interesting.

Myers Automobile Tire Pump

**Single Action
Positive
Rapid
Powerful**

Made of 14 gauge brass tube, 20 inches long.
Total length of pump, 26 inches.

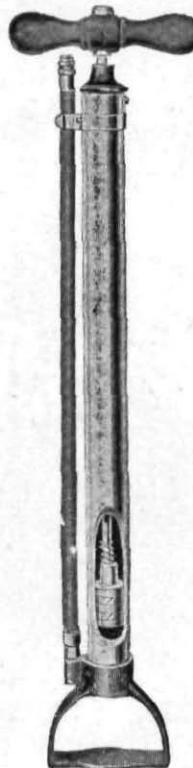
We do not claim it will pump more air than any other good pump but we do claim it will always pump.

The pump is guaranteed as to material and workmanship and if any part wears out within one year it will be replaced free of charge.

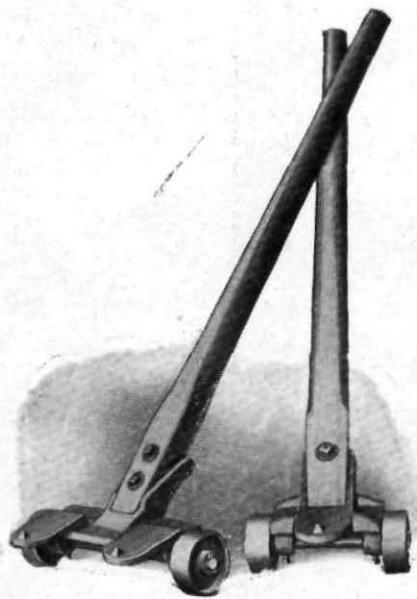
This pump has no leather parts. Except the handle and hose the entire pump is made of brass, steel and iron.

The piston is metal with metal expansion rings like an engine piston. The longer it is used the better it will work. An examination of this pump and a trial will convince you that it is stronger and better built than any other pump and that for ordinary use with ordinary care it will last a lifetime.

LIST PRICE \$6.00



Myers Automobile Tire Pump



Myers Moving Trucks

Myers Moving Trucks

The Moving Trucks shown here are used in pairs, they are suitably adapted for moving or handling heavy Crates, Boxes and Machinery (up to 2000 lbs. weight.)

These Trucks are so constructed that two men can easily and quickly handle any Crate, Box or Machine up to One Ton Weight without the use of Rollers and Bars, and are made so that they are easily turned with their load without stopping.

Trucks furnished in different sizes—tell us of your needs.

LIST PRICE PER PAIR \$7.50

Our Special Offer to Dealers Only.

THIS catalogue is issued to acquaint Dealers in machine tools and specialties of the merits of the "Myers Line."

We are so positive of the plain, serviceable, workmanlike qualities of these tools that the following offer backed by Our Iron Clad Guarantee, is made to dealers only.

*Order any one or more of our Machine Tools,
we will ship them to you PRE-PAID, if you do
not find them equal to representations after in-
spection or trial return them at our expense.*

You will find our machines well and remain sold because of the care and skill used in their manufacture.